

| Ref # | Hits   | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---------------------------------|------------------|---------|------------------|
| L1    | 7262   | 709/203-205.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 08:56 |
| L2    | 7      | I1 and (temporary near5 cookie)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 08:57 |
| L3    | 84     | I1 and (gatekeeper)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 08:57 |
| L4    | 4      | I1 and (gatekeeper) and cookie  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 09:01 |
| L5    | 87     | I1 and ("same" or identical) near5 cookie)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 09:02 |
| L6    | 79     | I5 and URL  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 09:02 |
| L7    | 64     | I6 and log\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 09:06 |
| L8    | 14     | I1 and (shared adj browsing)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/06/13 09:06 |
| S1    | 1      | ("6000000").PN.   | USPAT;<br>USOCR                 | OR               | OFF     | 2005/06/13 08:55 |
| S2    | 275103 | internet or network   | USPAT                           | OR               | ON      | 2003/10/16 07:28 |
| S3    | 3480   | (internet or network) and (personal adj digital adj assistant)  | USPAT                           | OR               | ON      | 2003/10/16 07:30 |
| S4    | 1527   | ((internet or network) and (personal adj digital adj assistant)) and web\$5   | USPAT                           | OR               | ON      | 2003/10/16 07:30 |
| S5    | 299    | (((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3   | USPAT                           | OR               | ON      | 2003/10/16 07:30 |
| S6    | 164    | (((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3                               | USPAT                           | OR               | ON      | 2003/10/16 07:30 |
| S7    | 117    | ((((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3) and track\$3                | USPAT                           | OR               | ON      | 2003/10/16 07:30 |
| S8    | 82     | ((((((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3) and track\$3) and shar\$3 | USPAT                           | OR               | ON      | 2003/10/16 07:31 |

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| S9  | 43  | (((((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3) and track\$3) and shar\$3) and developer                              | USPAT        | OR | ON  | 2003/10/16 07:48 |
| S10 | 2   | flores-roger.in.   | USPAT        | OR | ON  | 2003/10/16 07:49 |
| S11 | 0   | bostwick-ben.in.   | USPAT        | OR | ON  | 2003/10/16 07:50 |
| S12 | 545 | (internet or network) and (track\$3 near5 web\$5)  | USPAT        | OR | ON  | 2003/10/16 07:51 |
| S13 | 9   | ((internet or network) and (track\$3 near5 web\$5)) and (((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3)                 | USPAT        | OR | ON  | 2003/10/16 07:51 |
| S14 | 26  | "6000000".URPN.  | USPAT        | OR | OFF | 2003/10/16 07:55 |
| S15 | 6   | "6308201".URPN.  | USPAT        | OR | OFF | 2003/10/16 08:14 |
| S16 | 1   | ("6553037").PN.  | USPAT; USOCR | OR | OFF | 2003/10/16 08:28 |
| S17 | 0   | "6553037".URPN.  | USPAT        | OR | OFF | 2003/10/16 08:26 |
| S18 | 0   | "6553037".URPN.  | USPAT        | OR | OFF | 2003/10/16 08:26 |
| S19 | 500 | track\$3 same application same usage   | USPAT        | OR | ON  | 2003/10/16 08:29 |
| S20 | 178 | (track\$3 same application same usage) and internet  | USPAT        | OR | ON  | 2003/10/16 08:29 |
| S21 | 6   | (track\$3 same application same usage) and (((((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3) and track\$3) and shar\$3) | USPAT        | OR | ON  | 2003/10/16 08:32 |
| S22 | 6   | (US-6611862-\$ or US-6427140-\$ or US-6363488-\$ or US-6438573-\$ or US-6557054-\$ or US-6594692-\$). did.   | USPAT        | OR | OFF | 2003/10/16 08:31 |
| S23 | 6   | ((US-6611862-\$ or US-6427140-\$ or US-6363488-\$ or US-6438573-\$ or US-6557054-\$ or US-6594692-\$). did.) and (track\$3 same application same usage)                            | USPAT        | OR | ON  | 2003/10/16 08:36 |
| S24 | 13  | (((((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3) and track\$3) and shar\$3) and (version\$ same track\$3)              | USPAT        | OR | ON  | 2003/10/16 08:37 |

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| S25 | 13   | (US-6607136-\$ or US-6401085-\$ or US-5768382-\$ or US-5970143-\$ or US-6134548-\$ or US-6195651-\$ or US-6199099-\$ or US-6202062-\$ or US-6317718-\$ or US-6356905-\$ or US-6438575-\$ or US-6442549-\$ or US-6446076-\$).did.                                 | USPAT        | OR | OFF | 2003/10/16 08:37 |
| S26 | 13   | (((((internet or network) and (personal adj digital adj assistant)) and web\$5) and game\$3) and version\$3) and track\$3) and shar\$3) and (version\$ same track\$3)) and (version\$ same track\$3)   | USPAT        | OR | ON  | 2003/10/16 08:38 |
| S27 | 13   | ((US-6607136-\$ or US-6401085-\$ or US-5768382-\$ or US-5970143-\$ or US-6134548-\$ or US-6195651-\$ or US-6199099-\$ or US-6202062-\$ or US-6317718-\$ or US-6356905-\$ or US-6438575-\$ or US-6442549-\$ or US-6446076-\$).did.) and (version\$ same track\$3) | USPAT        | OR | ON  | 2003/10/16 08:38 |
| S28 | 5    | ("6499137") or ("6381628") or ("6230312") or ("6381735") or ("6263491").PN.  | USPAT; USOCR | OR | OFF | 2003/10/16 09:52 |
| S29 | 1    | ("5970143").PN.  | USPAT; USOCR | OR | OFF | 2003/10/16 09:52 |
| S30 | 26   | "5970143".URPN.  | USPAT        | OR | OFF | 2003/10/16 09:52 |
| S31 | 37   | monitor\$3 near8 game near8 level  | USPAT        | OR | ON  | 2004/05/04 13:21 |
| S32 | 55   | monitor\$3 near8 game near8 utiliz\$5  | USPAT        | OR | ON  | 2004/05/04 13:21 |
| S33 | 1    | monitor\$3 near8 game near8 utiliz\$5 same internet  | USPAT        | OR | ON  | 2004/05/04 13:33 |
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| S35 | 0    | 709/224.ccls. and (game near8 content near8 usage)   | USPAT        | OR | ON  | 2004/05/04 13:33 |
| S36 | 0    | 709/224.ccls. and (game near8 usage)   | USPAT        | OR | ON  | 2004/05/04 13:34 |
| S37 | 0    | 709/224.ccls. and (game near3 level)   | USPAT        | OR | ON  | 2004/05/04 13:34 |
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| S40 | 1    | 709/224.ccls. and (game near8 progress\$5)   | USPAT        | OR | ON  | 2004/05/04 13:36 |
| S41 | 284  | (monitor\$ or track\$3) near8 game near8 progress\$5   | USPAT        | OR | ON  | 2004/05/04 13:37 |

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| S47 | 70     | (monitor\$ or track\$3) near8 game<br>near8 progress\$5 and (game near3<br>level)             | USPAT              | OR | ON  | 2004/05/04 13:47 |
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| S54 | 0      | nixon\$.as. and (game near8<br>monitor\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 15:47 |
| S55 | 7      | nixon\$.as.   | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 15:48 |
| S56 | 221    | game near8 developer  | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 15:48 |
| S57 | 19     | game near8 developer same<br>(monitor\$3 or track\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 15:54 |
| S58 | 5      | video adj game near8 developer<br>same internet   | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 16:04 |
| S59 | 123317 | (video adj game) near8 developer<br>near8 feedback internet                                   | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 16:04 |
| S60 | 1      | (video adj game) near8 developer<br>near8 feedback  | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 16:05 |
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| S63 | 22     | (application near8 developer near8<br>feedback ) and game                                     | US-PGPUB;<br>USPAT | OR | OFF | 2004/05/06 16:05 |

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| S68 | 17  | (macromedia\$2 adj flash) same (track\$3 or monitor\$3)   | US-PGPUB; USPAT | OR | OFF | 2004/05/06 16:46 |
| S69 | 20  | (web adj page) near8 usage same (track\$3 or monitor\$3)  | US-PGPUB; USPAT | OR | OFF | 2004/05/06 17:04 |
| S70 | 14  | API near8 usage same (track\$3 or monitor\$3)             | US-PGPUB; USPAT | OR | OFF | 2004/05/06 17:34 |
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| S79 | 73  | API same (video or audio) same (start or begin)           | USPAT           | OR | OFF | 2004/05/06 18:05 |
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| S81 | 0   | merg\$3 near8 mutiple near8 version                       | USPAT           | OR | OFF | 2004/05/06 19:40 |
| S82 | 0   | merg\$3 near8 mutiple near8 version                       | US-PGPUB; USPAT | OR | OFF | 2004/05/06 19:40 |
| S83 | 320 | merg\$3 near8 version                                     | US-PGPUB; USPAT | OR | OFF | 2004/05/06 19:40 |
| S84 | 15  | merg\$3 near8 version same (monitor\$3 or track\$3)       | US-PGPUB; USPAT | OR | OFF | 2004/05/06 19:45 |
| S85 | 1   | merg\$3 near8 version same usage                          | US-PGPUB; USPAT | OR | OFF | 2004/05/06 19:45 |

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| S97  | 476  | API and start\$5 near5 measur\$5                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/12 23:58 |
| S98  | 110  | S97 and stop\$5 near5 measur\$5                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/12 23:59 |
| S99  | 8    | content near5 descriptor same API                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/12 23:59 |
| S100 | 214  | amount near5 usage near5<br>(software or program or<br>application) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/12 23:59 |
| S101 | 49   | S100 and API  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:12 |
| S102 | 15   | flores-roger\$.in. or bostwick-ben\$.in.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:13 |
| S103 | 3    | S102 and track\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:13 |
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| S109 | 3    | S104 and amount near5 usage and<br>start                            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:14 |

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| S11<br>7 | 0    | 455/404/2.ccls.       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:18 |
| S11<br>8 | 315  | 700/91.ccls.          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:18 |
| S11<br>9 | 266  | 702/63.ccls.          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:19 |
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| S12<br>8 | 0     | S127 and amount near5 usage<br>same progress  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:21 |
| S12<br>9 | 175   | S127 and amount near5 usage   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:21 |
| S13<br>0 | 5     | S129 and start near5 measur\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:32 |
| S13<br>1 | 0     | content near2 descriptor same<br>(monior\$5 or track\$5) same<br>progress   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/06/13 00:33 |
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*Choi, J.W.; Kim, J.Y.; Hwang, C.J.;*

Information, Communications and Signal Processing, 1997. ICICS., Proceedings of 1997 International Conference on , Volume: 3 , 9-12 Sept. 1997

Pages:1663 - 1667 vol.3

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**2 A prototypal environment for collaborative work within a research organization**
*Ettorre, M.; Pontieri, P.; Ruffolo, M.; Rullo, P.; Sacca, D.;*

Database and Expert Systems Applications, 2003. Proceedings. 14th International Workshop on , 1-5 Sept. 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(251 KB\)\]](#) **IEEE CNF**
**3 ASSISS: an active semi-structured scientific information sharing system**
*Shek, E.C.; Kaestle, G.; Dao, S.K.;*

Scientific and Statistical Database Management, 1999. Eleventh International Conference on , 28-30 July 1999

Pages:279

[\[Abstract\]](#) [\[PDF Full-Text \(12 KB\)\]](#) **IEEE CNF**
**4 Design, specification, and implementation of a distributed virtual community system**
*Gross, T.;*

Parallel, Distributed and Network-Based Processing, 2004. Proceedings. 12th Euromicro Conference on , 11-13 Feb. 2004

Pages:225 - 232

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[\[Abstract\]](#) [\[PDF Full-Text \(479 KB\)\]](#) [IEEE CNF](#)

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**5 FilmEd - collaborative video indexing, annotation, and discussion tools over broadband networks**

*Schroeter, R.; Hunter, J.; Kosovic, D.;*

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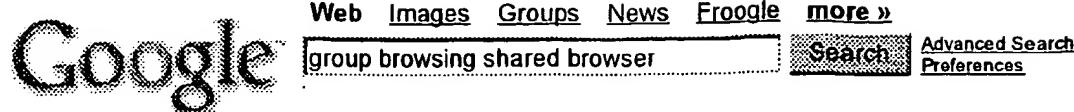
[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) [IEEE CNF](#)

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BrowserFor2 software lets you browse the internet with a friend. matthewssoftware.com/BrowserFor2

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... and allows browse lists to be shared between master ... METRAN <1D> UNIQUE Registered METRAN <1E> GROUP Registered MAC ... acting as the local master browser for the ...

[www.oreillynet.com/pub/a/onlamp/excerpt/samba\\_chap7/index2.html](http://www.oreillynet.com/pub/a/onlamp/excerpt/samba_chap7/index2.html) - 54k - Cached - Similar pages

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... of annotated text (as in WWW browsers with underlined ... The current browser uses in-place markers, with ... if the identity of the group sharing the annotations is ...

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**Social Computing Group Home**

... Enjoyed and Enjoying What's Shared: Designing for Sociability in Shared Browsing. ...

Wireless brainstorming: Overcoming status effects in small group decisions. ...

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**[PDF] Supporting Sociability in a Shared Browser**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... we explore "socializing" web browsers to support ... Many shared browsing programs have focused on business applications, such group work (Greenberg & ...

[research.microsoft.com/scg/papers/sharedbrowsinginteract.pdf](http://research.microsoft.com/scg/papers/sharedbrowsinginteract.pdf) - Similar pages

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... images, and documents to be shared amongst authorized ... Illinois, September 27, 2002 -

CMMS data group announces the ... MVP Project is the first browser-based, XML ...

[news.managingautomation.com/fullstory/15448](http://news.managingautomation.com/fullstory/15448) - 25k - Cached - Similar pages

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... Group browsing Group Browsing involves a group tour of Web sites with a shared browser window and some interaction capability between the members of the group ...

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... the files may benefit from being shared among, and ... there are tasks which are inherently group-oriented, which ... not fully integrated into the Browser experience. ...

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... Web Hypertext Application Technology Working Group, or WhatWG ... features - pop-up blocking, tabbed browsing, compliance with ... With its immense market share, IE has ...  
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Relevance scale 

**1 NotePals: lightweight note sharing by the group, for the group** 

Richard C. Davis, James A. Landay, Victor Chen, Jonathan Huang, Rebecca B. Lee, Frances C. Li, James Lin, Charles B. Morrey, Ben Schleimer, Morgan N. Price, Bill N. Schilit

May 1999 **Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit**

Full text available:  pdf(1.24 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

NotePals is a lightweight note sharing system that gives group members easy access to each others experiences through their personal notes. The system allows notes taken by group members in any context to be uploaded to a shared repository. Group members view these notes with browsers that allow them to retrieve all notes taken in a given context or to access notes from other related notes or documents. This is possible because NotePals records the context in which each note is created ...

**2 Social browsing: Group unified histories an instrument for productive unconstrained co-browsing** 

Maria Aneiros, Vladimir Estivill-Castro, Chengzheng Sun

November 2003 **Proceedings of the 2003 international ACM SIGGROUP conference on Supporting group work**

Full text available:  pdf(223.25 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The most common task being performed on the World Wide Web, namely exploring its contents remains an individual rather than a cooperative, shared or partnered activity. We propose that the existing model of collaborative browsing, namely master/slave, is too restrictive. Instead, we introduce group unified histories to provide unconstrained cooperative browsing. Our approach is founded on a persistent shared history object which is replicated for each user and totally configurable. In order for ...

**Keywords:** awareness, collaborative browsing, consistency model, group unified history, unconstrained cooperative browsing

**3 Facilitating orientation in shared hypermedia workspaces** 

Jörg M. Haake

November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work**

Full text available:  pdf(1.68 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Shared workspaces are an important means for supporting long-term synchronous and asynchronous collaboration. Shared workspaces themselves become difficult to manage due

to increasing size and constant change. This is especially true for shared hypermedia workspaces. Thus means for managing the shared hypermedia workspace in terms of keeping an overview of the group's work and coordinating changes become necessary. In this paper we propose a shared hypermedia workspace model repre ...

**Keywords:** awareness, collaboration support, cooperative work, coordination, orientation, shared hypermedia workspace

- 4 **Papers:** Information visualization: PhotoMesa: a zoomable image browser using quantum treemaps and bubblemaps

Benjamin B. Bederson

November 2001 **Proceedings of the 14th annual ACM symposium on User interface software and technology**

Full text available:  pdf(1.34 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

PhotoMesa is a zoomable image browser that uses a novel treemap algorithm to present large numbers of images grouped by directory, or other available metadata. It uses a new interaction technique for zoomable user interfaces designed for novices and family use that makes it straightforward to navigate through the space of images, and impossible to get lost. PhotoMesa groups images using one of two new algorithms that lay out groups of objects in a 2D space-filling manner. *Quantum treemaps* ...

**Keywords:** Animation, Graphics, Image Browsers, Jazz, Treemaps, Zoomable User Interfaces (ZUIs)

- 5 **Where did you put it? Issues in the design and use of a group memory**

Lucy M. Berlin, Robin Jeffries, Vicki L. O'Day, Andreas Paepcke, Cathleen Wharton

May 1993 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available:  pdf(1.07 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Collaborating teams of knowledge workers need a common repository in which to share information gathered by individuals or developed by the team. This is difficult to achieve in practice, because individual information access strategies break down with group information—people can generally find things that are on their own messy desks and file systems, but not on other people's. The design challenge in a group memory is thus to enable low-effort informatio ...

**Keywords:** collaborative work, group conventions, group memory, information search and retrieval, information sharing

- 6 **Posters:** Implementing a proxy agent based writable web for a dynamic information sharing system

Noriharu Tashiro, Hiromitsu Hattori, Takayuki Ito, Toramatsu Shintani

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available:  pdf(232.70 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we propose a Web based information sharing system called the Proxy Agent-based Information Sharing(PAIS). We also developed a writable Web mechanism called Web browser-based Direct Editing (Wedit), that is a major component of PAIS. Wedit enables public users to effectively edit HTML text on an existing Web browser. Since Wedit was developed with conventional technologies, users quickly learn how to use it. PAIS is implemented by using Wedit and a proxy agent. PAIS enables users to ...

**Keywords:** browsing support, information system, multiagent system

7 Distributed authoring on the Web with the BSCW shared workspace system 

Thilo Horstmann, Richard Bentley

March 1997 **StandardView**, Volume 5 Issue 1

Full text available:  pdf(680.24 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

8 Posters & demos: WebContext: remote access to shared context 

Robert Capra, Manuel A. Pérez-Quiñones, Naren Ramakrishnan

November 2001 **Proceedings of the 2001 workshop on Perceptive user interfaces**

Full text available:  pdf(136.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In this paper, we describe a system and architecture for building and remotely accessing shared context between a user and a computer. The system is designed to allow a user to browse web pages on a personal computer and then remotely make queries about information seen on the web pages using a telephone-based voice user interface.

**Keywords:** VoiceXML, information access, shared context, software architecture, telephone-based user interfaces, voice user interfaces

9 Creating and sharing web notes via a standard browser 

Ng S. T. Chong, Masao Sakauchi

March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Full text available:  pdf(296.63 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** note taking, shared web annotation systems, synchronous and asynchronous CSCW systems, web-based course delivery systems

10 Creating and sharing Web notes via a standard browser 

Ng S. T. Chong, Masao Sakauchi

September 2001 **ACM SIGCUE Outlook**, Volume 27 Issue 3

Full text available:  pdf(1.41 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Today practitioners in education actively publish their instructional materials as HTML documents, using a variety of media. Yet, in most cases, third parties can only passively read the documents displayed in their browsers. This partly accounts for why students in Web-based courses continue to take notes and get feedback on assignments from their teachers on paper documents [9]. In this paper, we describe an intuitive Web annotation environment that allows users to annotate directly on any DHTML ...

**Keywords:** Web-based course delivery systems, note taking, shared Web annotated systems, synchronous and asynchronous CSCW (Computer Supported Cooperative Work) systems

11 Awareness and the WWW: an overview 

Olivier Liechti

December 2000 **ACM SIGGROUP Bulletin**, Volume 21 Issue 3

Full text available:  pdf(1.47 MB) Additional Information: [full citation](#), [abstract](#), [references](#)

The notion of awareness has received a lot of attention in the CSCW literature for quite some time now. Because it cannot be very precisely and uniquely defined, this notion

covers a range of issues and is critical in very different situations. This is also true in the particular context of the WWW, where awareness has more than one facet. One objective for this paper is to give an overview of the field, by reviewing different awareness categories and by showing how they relate to Web-based syst ...

**Keywords:** CSCW, WWW, activity space, awareness, contextual awareness, group awareness, implementation platform, peripheral awareness, workspace awareness

**12 Doctoral consortium: Developing tools for efficient collaborative web browsing**

Guillermo S. Zeballos

May 1999 **CHI '99 extended abstracts on Human factors in computing systems**

Full text available:  pdf(210.39 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Collaborative web browsing can provide a practical approach for searching the vast quantities of information on the WWW. While browsers that support group web browsing exist, their support is limited to lockstep browsing, in which multiple clients are slaved to one browser. They do not permit individual collaborators to navigate separate paths while coordinating their efforts. This paper discusses my current investigation into modeling the behavior of, and developing tools to support, people mak ...

**13 2b—Hypertext Systems: Organizing shared enterprise workspaces using component-based cooperative hypermedia**

Jessica Rubart, Jörg M. Haake, Daniel A. Tietze, Weigang Wang

September 2001 **Proceedings of the twelfth ACM conference on Hypertext and Hypermedia**

Full text available:  pdf(380.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Cooperative work in Extended Enterprises needs a flexible shared workspace for team members to access and manipulate shared information objects in a well-coordinated working process. Current shared workspace systems do not adequately support the evolving character of shared workspaces as needed by Extended Enterprises, i.e. the dynamic cooperation processes, various kinds of shared information contents and the set of cooperative tools. In this paper, the usage scenarios and requirements devel ...

**14 Supporting cooperative and personal surfing with a desktop assistant**

Hannes Marais, Krishna Bharat

October 1997 **Proceedings of the 10th annual ACM symposium on User interface software and technology**

Full text available:  pdf(1.37 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** WWW, annotation, asynchronous, barcodes, bookmarks, browser, browserware, collaboration, community knowledge, desktop assistant, indexing

**15 CHIME: customizable hyperlink insertion and maintenance engine for software engineering environments**

P. Devanbu, Y.-F. Chen, E. Gansner, H. Müller, J. Martin

May 1999 **Proceedings of the 21st international conference on Software engineering**

Full text available:  pdf(1.28 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**16 Where were we: making and using near-synchronous, pre-narrative video**

Scott L. Minneman, Steven R. Harrison

September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available: [pdf\(197.50 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)  
[ps\(1.50 MB\)](#)

**Keywords:** collaboration, digital video, distributed work, group work, video indexing

17 A distance education/computer mediated communication integrated framework 

Irene Wong-Bushby

April 2000 **Journal of Computing Sciences in Colleges , Proceedings of the fifth annual CCSC northeastern conference on The journal of computing in small colleges**, Volume 15 Issue 5

Full text available: [pdf\(237.71 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

18 Emergent web patterns: Automatically sharing web experiences through a hyperdocument recommender system 

Alessandra Alaniz Macedo, Khai N. Truong, José Antonio Camacho-Guerrero, Maria da Graça Pimentel

August 2003 **Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**

Full text available: [pdf\(620.08 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As an approach that applies not only to support user navigation on the Web, recommender systems have been built to assist and augment the natural social process of asking for recommendations from other people. In a typical recommender system, people provide suggestions as inputs, which the system aggregates and directs to appropriate recipients. In some cases, the primary computation is in the aggregation; in others, the value of the system lies in its ability to make good matches between the re ...

**Keywords:** information retrieval, open hypermedia, recommender systems, semantic structures, web

19 Hypermedia and Graphics 1: Dynamic documents: authoring, browsing, and analysis using a high-level petri net-based hypermedia system 

Jin-Cheon Na, Richard Furuta

November 2001 **Proceedings of the 2001 ACM Symposium on Document engineering**

Full text available: [pdf\(394.26 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

caT (for Context-Aware Trellis) was initially developed to support context-aware documents by incorporating high-level Petri-net specification, context-awareness, user modeling, and fuzzy knowledge handling features into Trellis, a Petri-net-based hypermedia system. The browsing behavior of documents specified in the caT model can reflect the reader's contextual (such as location and time) and preference information. Recently, to provide a framework for the authoring, browsing, and analysis of r ...

**Keywords:** caT, dynamic documents, petri-net-based hypertext, trellis

20 Timing attacks on Web privacy 

Edward W. Felten, Michael A. Schneider

November 2000 **Proceedings of the 7th ACM conference on Computer and communications security**

Full text available: [pdf\(184.79 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

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